## SEQUENCE LISTING

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<110> Ferrara, N.
     Le Couter, J.
<120> COMPOSITIONS WITH HEMATOPOIETIC AND
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<140> 10/549,241
<141> 2006-06-12
<150> 60/511,390
<151> 2003-10-14
<150> 60/454,462
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ctcccaatgt ggtggaggca tgtgctgtgc tgtcagtatc tgggtcaaga gcataaggat 180
ttgcacacct atgggcaaac tgggagacag ctgccatcca ctgactcgta aaaacaattt 240
tggaaatgga aggcaggaaa gaagaaagag gaagagaagc aaaaggaaaa aggaggttcc 300
attttttggg cggaggatgc atcacacttg cccatgtctg ccaggcttgg cctgtttacg 360
qacttcattt aaccgattta tttgtttagc ccaaaagtaa tcgctctgga gtagaaacca 420
aatgtga
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Pro Leu Leu Thr Pro Arg Ala Gly Asp Ala Ala Val Ile Thr Gly
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                                                     30
Ala Cys Asp Lys Asp Ser Gln Cys Gly Gly Met Cys Cys Ala Val
                            40
        35
Ser Ile Trp Val Lys Ser Ile Arg Ile Cys Thr Pro Met Gly Lys Leu
                        55
                                             60
Gly Asp Ser Cys His Pro Leu Thr Arg Lys Asn Asn Phe Gly Asn Gly
                    70
                                        75
                                                             80
65
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Arg Gln Glu Arg Arg Lys Arg Lys Arg Ser Lys Arg Lys Glu Val
                                    90
                8.5
Pro Phe Phe Gly Arg Arg Met His His Thr Cys Pro Cys Leu Pro Gly
                                                    110
           100
                               105
Leu Ala Cys Leu Arg Thr Ser Phe Asn Arg Phe Ile Cys Leu Ala Gln
                            120
                                                125
Lys
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gagggegeca tgaggagect gtgctgegee ceactectge teetettget getgeegeeg 120
ctgctgctca cgccccgcgc tggggacgcc gccgtgatca ccgggggcttg tgacaaggac 180
tcccaatgtg gtggaggcat gtgctgtgct gtcagtatct gggtcaagag cataaggatt 240
tgcacaccta tgggcaaact gggagacage tgccatccac tgactcgtaa agttccattt 300
tttgggegga ggatgeatea eaettgeeea tgtetgeeag gettggeetg tttaeggaet 360
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<223> human Bv8 homologue
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Pro Leu Leu Thr Pro Arg Ala Gly Asp Ala Ala Val Ile Thr Gly
            20
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Ala Cys Asp Lys Asp Ser Gln Cys Gly Gly Met Cys Cys Ala Val
                            40
        35
                                                4.5
Ser Ile Trp Val Lys Ser Ile Arg Ile Cys Thr Pro Met Gly Lys Leu
    50
                        55
                                            60
Gly Asp Ser Cys His Pro Leu Thr Arg Lys Val Pro Phe Phe Gly Arg
                                        75
65
                    7.0
Arg Met His His Thr Cys Pro Cys Leu Pro Gly Leu Ala Cys Leu Arg
                85
                                    90
Thr Ser Phe Asn Arg Phe Ile Cys Leu Ala Gln Lys
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<223> mouse Bv8 homologue
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tgccqcqqtc atcaccqqqq cttqcqacaa ggactctcag tgcggaggag gcatgtgctg 180
tgctgtcagt atctgggtta agagcataag gatctgcaca cctatgggcc aagtgggcga 240
cagetqccac eccetqaete qqaaaqttee attttqqqqq eqqaqqatqc accaeacetg 300
eccetqcetq ccaqqettqq eqtqtttaaq qaettettte aaceqqttta tttgettgge 360
coggaaatga toactotgaa gtaggaactt gaaatgcgac cotcogctgo acaatgtoog 420
tegagtetea ettgtaattg tggcaaacaa agaataetee agaaagaaat gtteteecee 480
ttccttgact ttccaagtaa cgtttctatc tttgattttt gaagtggctt ttttttttt 540
ttttttttcc tttccttgaa ggaaagtttt gatttttgga gagatttata gaggactttc 600
tgacatggct teteatttee etgtttatgt tttgeettga catttttgaa tgeeaataac 660
aactgttttc acaaatagga gaataagagg gaacaatctg ttgcagaaac ttccttttgc 720
cetttgeece actegeeceg eccegeeceg eccegeectg eccatgegea gacagacaca 780
contracted teaaagacte tgatgateet cacettactg tageattgtg ggtttetaca 840
cttccccqcc ttqctggtgg acccactgag gaggctcaga gagctagcac tgtacaggtt 900
tgaaccagat cccccaagca gctcatttgg ggcagacgtt gggagcgctc caggaacttt 960
cctgcaccca tctggcccac tggctttcag ttctgctgtt taactggtgg gaggacaaaa 1020
ttaacgggac cctgaaggaa cctggcccgt ttatctagat ttgtttaagt aaaagacatt 1080
ttotoottgt tgtggaatat tacatgtott tttotttttt atotgaagot ttttttttt 1140
ttotttaagt ottottgttg gagacatttt aaagaacgoo actogaggaa goattgattt 1200
tcatytggca tgacaggagt catcatttta aaaaatcggt gttaagttat aatttaaact 1260
ttatttqtaa cccaaaggty taatgtaaat ggatttcctg atatcctgcc atttgtactg 1320
gtatcaatat ttytatgt
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<211> 107
<212> PRT
<213> Mus musculus
<220>
<223> mouse Bv8 homologue
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                                                         15
 1
                 5
Leu Leu Phe Thr Pro Pro Ala Gly Asp Ala Ala Val Ile Thr Gly Ala
                                                     30
                                25
            20
Cys Asp Lys Asp Ser Gln Cys Gly Gly Met Cys Cys Ala Val Ser
        35
                            4.0
                                                 45
Ile Trp Val Lys Ser Ile Arg Ile Cys Thr Pro Met Gly Gln Val Gly
                        55
Asp Ser Cys His Pro Leu Thr Arg Lys Val Pro Phe Trp Gly Arg Arg
                                        75
65
                    70
                                                             8.0
Met His His Thr Cys Pro Cys Leu Pro Gly Leu Ala Cys Leu Arg Thr
                85
                                     90
                                                         95
Ser Phe Asn Arg Phe Ile Cys Leu Ala Arg Lys
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<211> 1415
<212> DNA
<213> Artificial Sequence
<220>
<223> cDNA encoding human native EG-VEGF
<400> 7
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qqcaqtqttt tqccttcacc ccaagtgacc atgagaggtg ccacgcgagt ctcaatcatg 120
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ctectectag taactgtgte tgactgtget gtgateacag gggeetgtga gegggatgte 180
cagtgtgggg caggcacctg ctgtgccatc agcctgtggc ttcgagggct gcggatgtgc 240
according ggogggaagg cgaggagtgo caccordgoa gccacaaggt coccttotto 300
aggaaacgca agcaccacac ctgtccttgc ttgcccaacc tgctgtgctc caggttcccg 360
gacqqcaqqt accqctqctc catqqacttq aaqaacatca atttttaggc gcttgcctgg 420
totcaggata cocaccatoc tittectgag cacagootgg attittatit cigocatgaa 480
acceagetee catgactete ceagteceta caetgactae cetgatetet ettgtetagt 540
acquaratat quadacaqqu aqacatacut cocatuatqa catqqtuccu aqqutqquut 600
qaqqatqtca caqcttqaqq ctqtqqtqtq aaaqgtqqcc agcctggttc tcttccctgc 660
teaggetgee agagaggtgg taaatggeag aaaggacatt eeceeteece teeceaggtg 720
acctgctctc tttcctgggc cctgcccctc tccccacatg tatccctcgg tctgaattag 780
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tggttaactc cttagtttca gaccacagac tcaagattgg ctcttcccag agggcagcag 960
acagtcaccc caaggcaggt gtagggagcc cagggaggcc aatcagcccc ctgaagactc 1020
tggtcccagt cagcctgtgg cttgtggcct gtgacctgtg accttctgcc agaattgtca 1080
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gttggtgact ttgaggaggg cagtcctctg tccagattgg ggtgggagca agggacaggg 1320
agcagggcag gggctgaaag gggcactgat tcagaccagg gaggcaacta cacaccaaca 1380
tgctggcttt agaataaaag caccaactga aaaaa
<210> 8
<211> 105
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<213> Homo sapiens
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<223> human native EG-VEGF popypeptide sequence
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                                                         15
Ser Asp Cys Ala Val Ile Thr Gly Ala Cys Glu Arg Asp Val Gln Cys
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            20
Gly Ala Gly Thr Cys Cys Ala Ile Ser Leu Trp Leu Arg Gly Leu Arg
                                                 45
        35
                            40
Met Cys Thr Pro Leu Gly Arg Glu Glu Glu Cys His Pro Gly Ser
                        55
    50
                                            60
His Lys Val Pro Phe Phe Arg Lys Arg Lys His His Thr Cys Pro Cys
                                        75
                                                            80
                    70
65
Leu Pro Asn Leu Leu Cys Ser Arg Phe Pro Asp Gly Arg Tyr Arg Cys
                                                         95
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                                    90
Ser Met Asp Leu Lys Asn Ile Asn Phe
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<223> cDNA encoding native mouse EG-VEGF
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gggcctgtga acgagatate cagtgtgggg ccggcacctg ctgcgctatc agtctgtggc 180
tgcggggcct gcggttgtgt accccactgg ggcgtgaagg agaggagtgc cacccaggaa 240
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gccacaagat ccccttcttg aggaaacgcc aacaccatac ctgtccctgc tcacccagcc 300
tgctqtqctc caqqttcccq gacqqcaqqt accqctqctt ccqqqacttq aaqaataact 360
tttagtttgt ctggactctg tctggagcct gactgggtga cctcttgctt tacacctgtg 420
tgatttaget ccetgeaact tegecattee ceatettgte egtgtatgtg eagacaggea 480
qaccttccqc tatggaatag ttcaccaggg tgcagagagg agttcgtggc cttgagaagt 540
tggccagece gacetteetg geteagactg cetgaagttg tgacagtgtg ggcettetea 600
gttgeetgee cetteetgea tgtgegette tteetaaace acacetttet gggeaetgge 660
ccatggatgc accactaaat caacaggtct gtggggtgga tgatcaactt tctctccatt 720
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<212> PRT
<213> Mus musculus
<223> EG-VEGF polypeptide sequence
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Ser Asp Cys Ala Val Ile Thr Gly Ala Cys Glu Arg Asp Ile Gln Cys
            20
                                25
Gly Ala Gly Thr Cys Cys Ala Ile Ser Leu Trp Leu Arg Gly Leu Arg
        35
                            40
                                                 4.5
Leu Cys Thr Pro Leu Gly Arg Glu Gly Glu Glu Cys His Pro Gly Ser
    50
                        55
                                             60
His Lys Ile Pro Phe Leu Arg Lys Arg Gln His His Thr Cys Pro Cys
                    70
                                         75
Ser Pro Ser Leu Cys Ser Arg Phe Pro Asp Gly Arg Tyr Arg Cys
                                     90
                8.5
Phe Arg Asp Leu Lys Asn Ala Asn Phe
            100
                                105
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<223> PCR primer
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<223> PCR primer
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<212> DNA
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ccgtaa	aacag gccaagcct	19
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cccctgcctg ccaggcttgg
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ccgggaacct ggagcac
                                                                    17
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<213> Mus musculus
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<223> Mouse Bv8 homologue
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Leu Leu Phe Thr Pro Pro Ala Gly Asp Ala Ala Val Ile Thr Gly Ala
                          25
                                            30
Cys Asp Lys Asp Ser Gln Cys Gly Gly Gly Met Cys Cys Ala Val Ser
                            4.5
 35
                     40
Ile Trp Val Lys Ser Ile Arg Ile Cys Thr Pro Met Gly Gln Val Gly
                    55
                                    60
Asp Ser Cys His Pro Leu Thr Arg Lys Ser His Val Ala Asn Gly Arg
                70
                     75
Gln Glu Arg Arg Arg Ala Lys Arg Arg Lys Arg Lys Glu Val Pro
                                   95
            85
                             90
Phe Trp Gly Arg Arg Met His His Thr Cys Pro Cys Leu Pro Gly Leu
         100
               105
                                 110
Ala Cys Leu Arg Thr Ser Phe Asn Arg Phe Ile Cys Leu Ala Arg Lys
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120

125